

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR010421\
 Data File : PR049173.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jan 2021 12:21
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 04 16:45:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122820.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 29 01:37:35 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.671	3.855	136.4E6	185.9E6	55.881	55.549
2)	SA Decachlor...	10.563	8.901	124.6E6	429.7E6	50.722	50.226
Target Compounds							
3)	L1 AR-1016-1	5.846	4.936	50768366	40207833	523.976	528.357
4)	L1 AR-1016-2	5.869	4.955	71403888	83949024	519.942	552.384
5)	L1 AR-1016-3	5.932	5.131	43645307	54621266	527.111	611.009
6)	L1 AR-1016-4	6.032	5.172	36557859	31103543	531.247	787.684 #
7)	L1 AR-1016-5	6.326	5.387	35734500	39468228	534.486	612.209
8)	L2 AR-1221-1	4.874	4.062	4605275	4971830	150.896	148.505
9)	L2 AR-1221-2	4.967	4.151	6784006	9550021	300.387	315.700
10)	L2 AR-1221-3	5.045	4.226	25231555	32949689	368.796	355.853
11)	L3 AR-1232-1	5.045	4.226	25231555	32949689	435.250	422.694
12)	L3 AR-1232-2	5.578	4.955	33977524	83949024	1117.702	1224.216
13)	L3 AR-1232-3	5.869	5.131	71403888	54621266	1177.710	1388.105
14)	L3 AR-1232-4	6.032	5.214	36557859	46258817	1194.692	2231.129 #
15)	L3 AR-1232-5	6.119	5.387	32436992	39468228	1359.505	1602.471
16)	L4 AR-1242-1	5.846	4.936	50768366	40207833	708.328	693.813
17)	L4 AR-1242-2	5.869	4.955	71403888	83949024	691.853	727.934
18)	L4 AR-1242-3	5.932	5.131	43645307	54621266	693.072	796.093
19)	L4 AR-1242-4	6.032	5.214	36557859	46258817	704.391	1127.701 #
20)	L4 AR-1242-5	6.771	5.738	9422850	57459451	161.201	870.039 #
21)	L5 AR-1248-1	5.846	4.936	50768366	40207833	886.129	869.915
22)	L5 AR-1248-2	6.119	5.172	32436992	31103543	411.554	603.063 #
23)	L5 AR-1248-3	6.326	5.214	35734500	46258817	417.744	750.526 #
24)	L5 AR-1248-4	6.730	5.387	8393134	39468228	81.421	493.167 #
25)	L5 AR-1248-5	6.771	5.778	9422850	18692465	96.242	163.226 #
26)	L6 AR-1254-1	6.704	5.738	32232695	57459451	300.993	434.163 #
27)	L6 AR-1254-2	6.920	5.885	28961340	61876131	177.294	469.106 #
28)	L6 AR-1254-3	7.293	6.305	18482401	126.9E6	111.186	484.119 #
29)	L6 AR-1254-4	7.579	6.519	16869900	23644865	129.781	66.448 #
30)	L6 AR-1254-5	7.999	6.934	83148368	183.7E6	633.223	426.225 #
31)	L7 AR-1260-1	7.455	6.419	63233800	89671026	546.104	654.800
32)	L7 AR-1260-2	7.710	6.607	76028639	214.0E6	521.144	474.716
33)	L7 AR-1260-3	8.070	6.761	56268141	130.1E6	520.882	445.174
34)	L7 AR-1260-4	8.310	7.234	61390641	154.2E6	512.548	477.284
35)	L7 AR-1260-5	8.646	7.477	124.6E6	676.1E6	509.992	506.293
36)	L8 AR-1262-1	8.070	6.934	56268141	183.7E6	364.476	800.928 #
37)	L8 AR-1262-2	8.646	7.477	124.6E6	676.1E6	460.988	460.130
38)	L8 AR-1262-3	8.995f	7.761	80731374	146.6E6	431.085	257.151 #
39)	L8 AR-1262-4	9.051	7.826	53344604	417.9E6	363.771	445.424
40)	L8 AR-1262-5	9.766	8.332	40348589	158.8E6	383.904	372.368
41)	L9 AR-1268-1	8.995f	7.761	80731374	146.6E6	254.233	87.123 #

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 Acq On : 04 Jan 2021 12:21
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

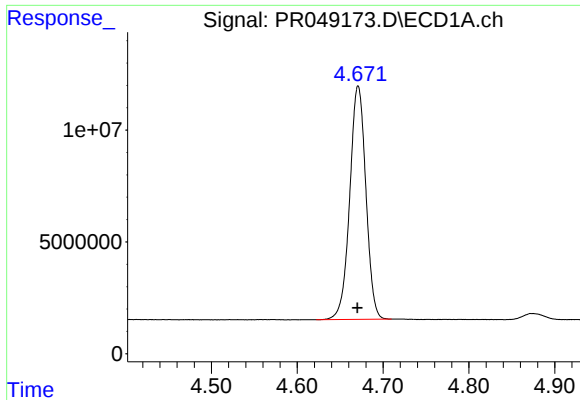
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 04 16:45:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122820.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.051f	7.826	53344604	417.9E6	178.596	297.663 #
43) L9	AR-1268-3	9.310	8.034	2020987	8286392	7.804	6.652
44) L9	AR-1268-4	9.766	8.332	40348589	158.8E6	352.285	333.951
45) L9	AR-1268-5	10.207	8.635	12016176	36853741	13.983	10.207 #

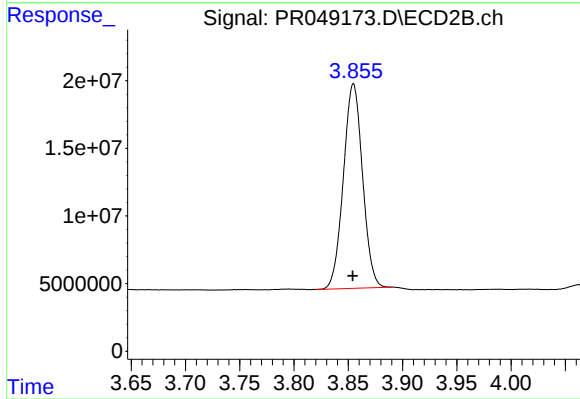
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

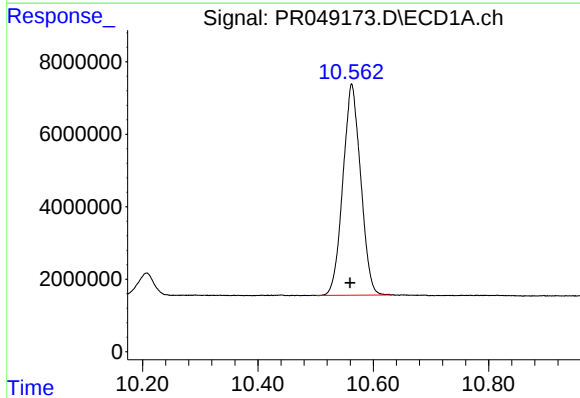
R.T.: 4.671 min
Delta R.T.: 0.001 min
Response: 136371083
Conc: 55.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



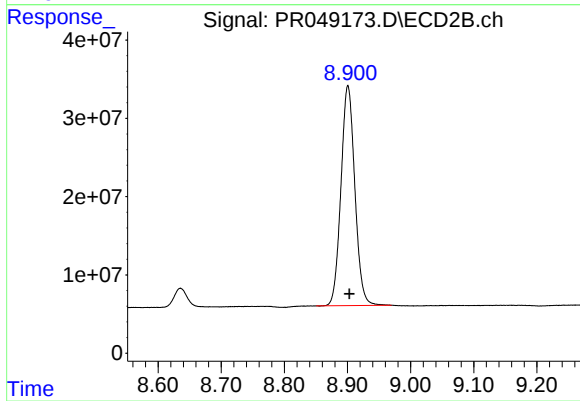
#1 Tetrachloro-m-xylene

R.T.: 3.855 min
Delta R.T.: 0.000 min
Response: 185915790
Conc: 55.55 ng/ml



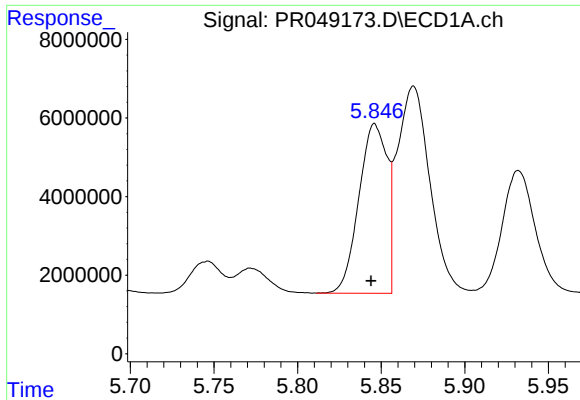
#2 Decachlorobiphenyl

R.T.: 10.563 min
Delta R.T.: 0.003 min
Response: 124559158
Conc: 50.72 ng/ml



#2 Decachlorobiphenyl

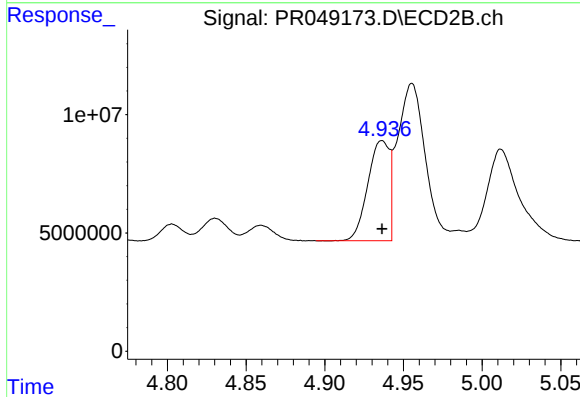
R.T.: 8.901 min
Delta R.T.: -0.002 min
Response: 429676971
Conc: 50.23 ng/ml



#3 AR-1016-1

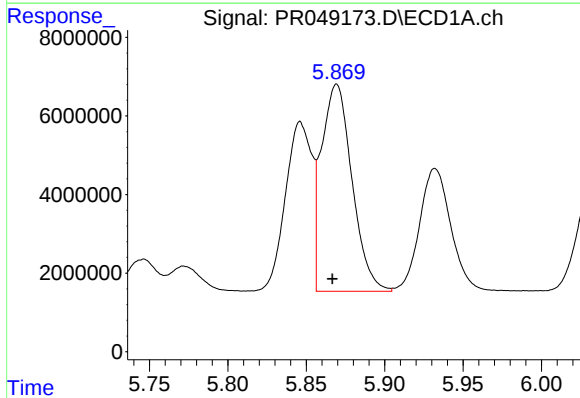
R.T.: 5.846 min
Delta R.T.: 0.002 min
Response: 50768366
Conc: 523.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



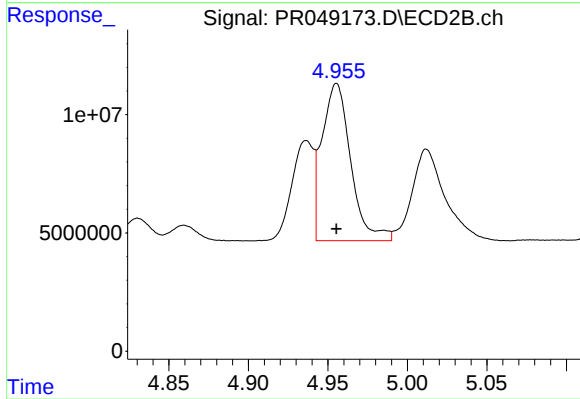
#3 AR-1016-1

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 40207833
Conc: 528.36 ng/ml



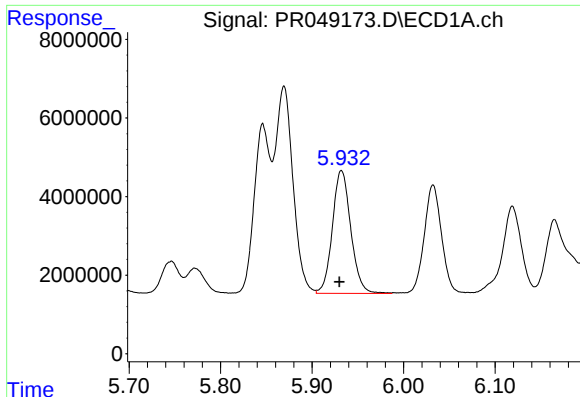
#4 AR-1016-2

R.T.: 5.869 min
Delta R.T.: 0.003 min
Response: 71403888
Conc: 519.94 ng/ml



#4 AR-1016-2

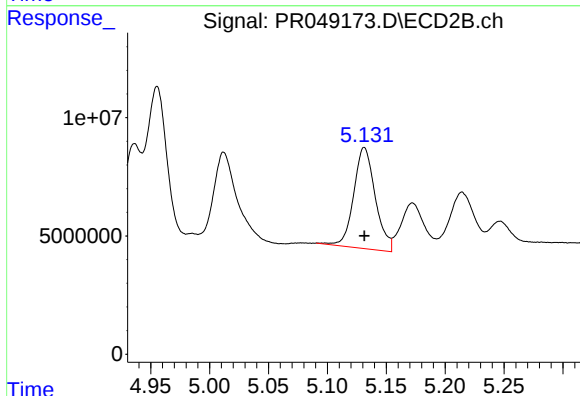
R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 83949024
Conc: 552.38 ng/ml



#5 AR-1016-3

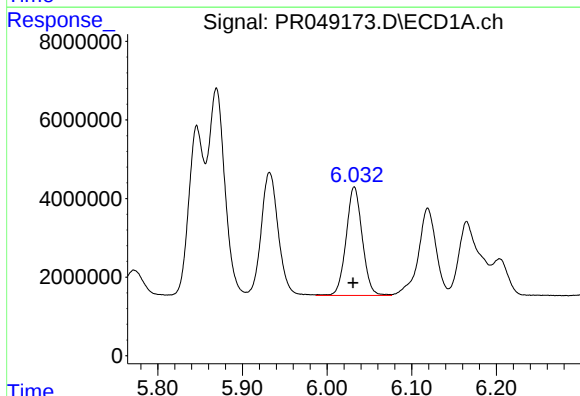
R.T.: 5.932 min
Delta R.T.: 0.002 min
Response: 43645307
Conc: 527.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



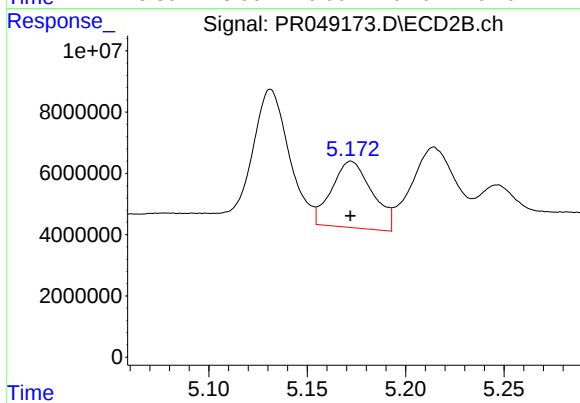
#5 AR-1016-3

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 54621266
Conc: 611.01 ng/ml



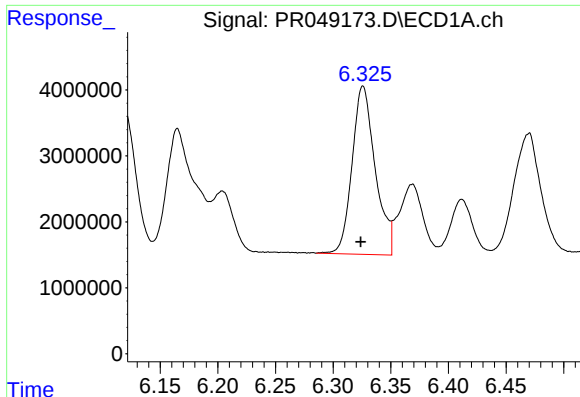
#6 AR-1016-4

R.T.: 6.032 min
Delta R.T.: 0.002 min
Response: 36557859
Conc: 531.25 ng/ml



#6 AR-1016-4

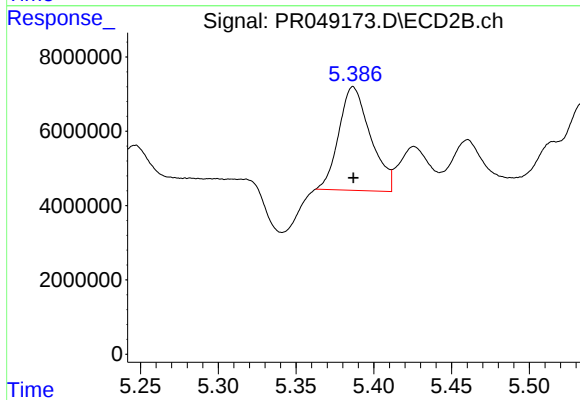
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 31103543
Conc: 787.68 ng/ml



#7 AR-1016-5

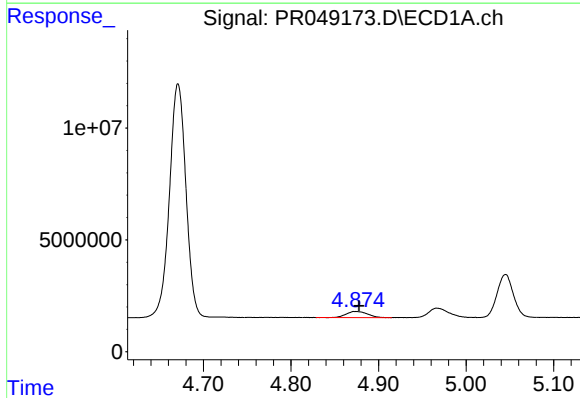
R.T.: 6.326 min
Delta R.T.: 0.002 min
Response: 35734500
Conc: 534.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



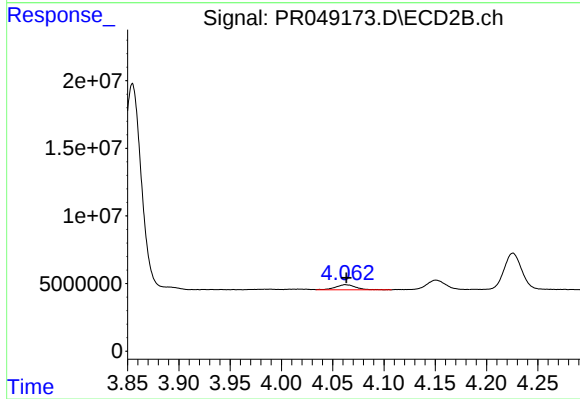
#7 AR-1016-5

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 39468228
Conc: 612.21 ng/ml



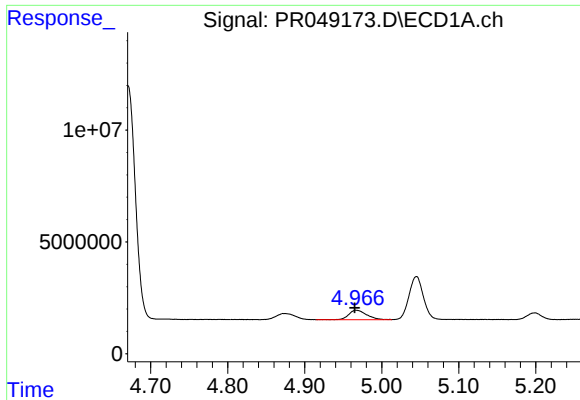
#8 AR-1221-1

R.T.: 4.874 min
Delta R.T.: -0.004 min
Response: 4605275
Conc: 150.90 ng/ml



#8 AR-1221-1

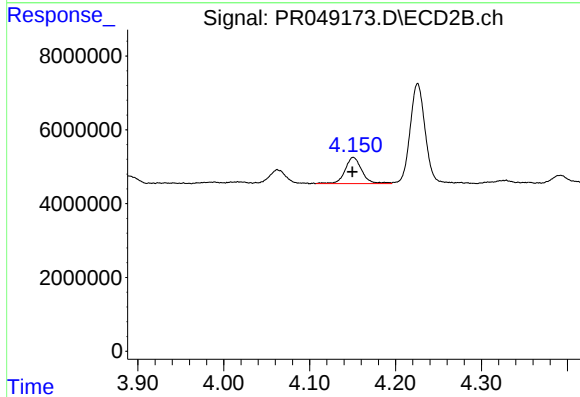
R.T.: 4.062 min
Delta R.T.: 0.000 min
Response: 4971830
Conc: 148.50 ng/ml



#9 AR-1221-2

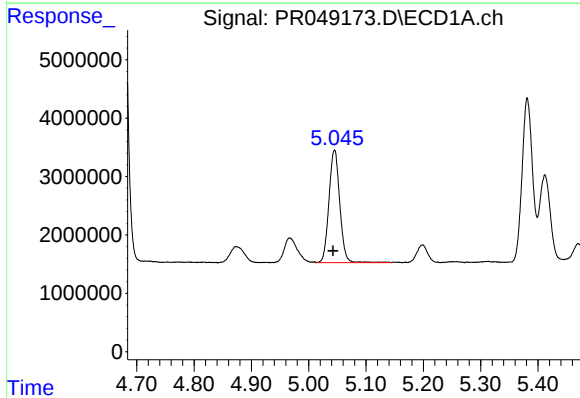
R.T.: 4.967 min
Delta R.T.: 0.002 min
Response: 6784006
Conc: 300.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



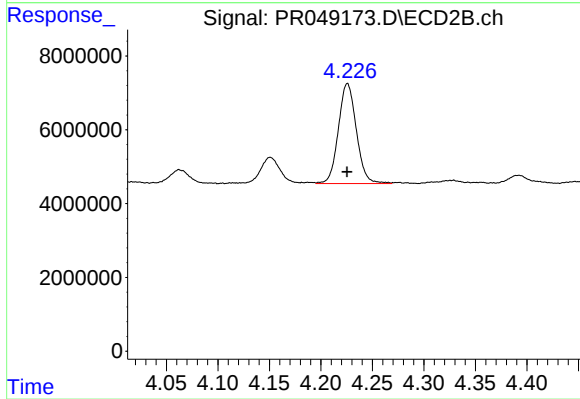
#9 AR-1221-2

R.T.: 4.151 min
Delta R.T.: 0.001 min
Response: 9550021
Conc: 315.70 ng/ml



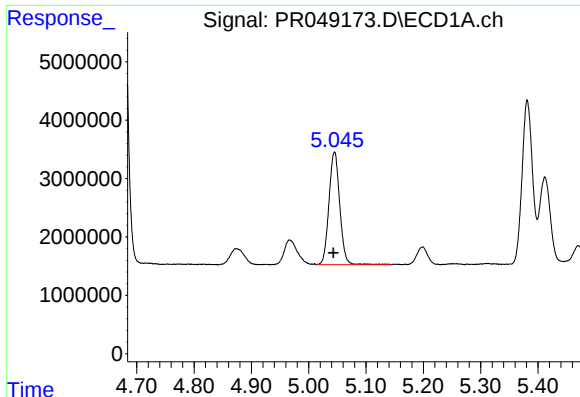
#10 AR-1221-3

R.T.: 5.045 min
Delta R.T.: 0.003 min
Response: 25231555
Conc: 368.80 ng/ml



#10 AR-1221-3

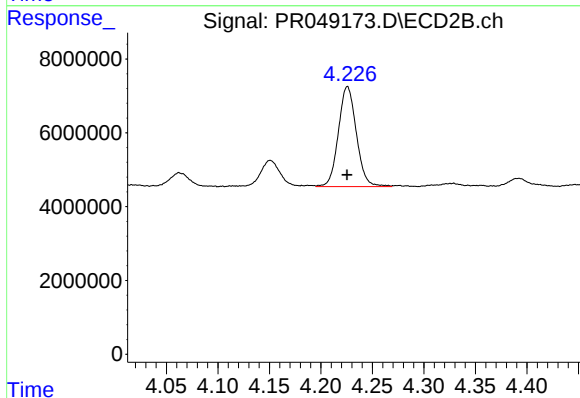
R.T.: 4.226 min
Delta R.T.: 0.000 min
Response: 32949689
Conc: 355.85 ng/ml



#11 AR-1232-1

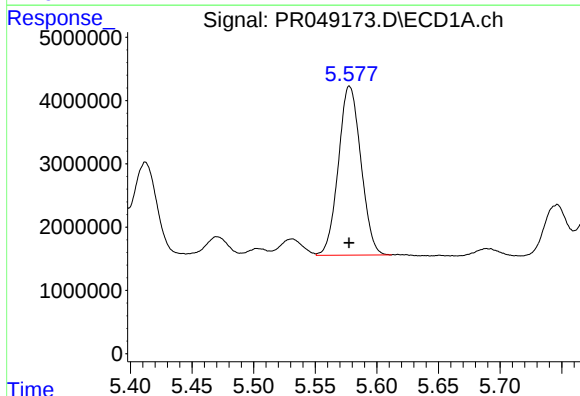
R.T.: 5.045 min
Delta R.T.: 0.002 min
Response: 25231555
Conc: 435.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



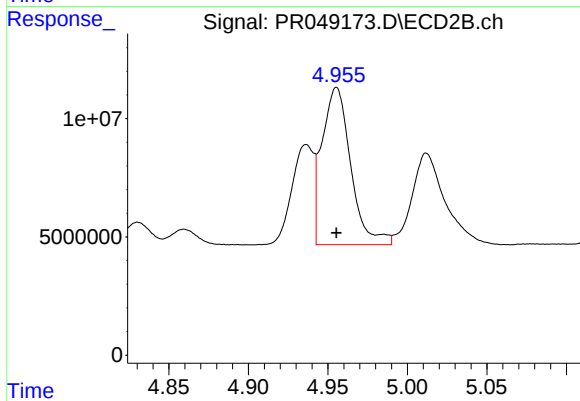
#11 AR-1232-1

R.T.: 4.226 min
Delta R.T.: 0.000 min
Response: 32949689
Conc: 422.69 ng/ml



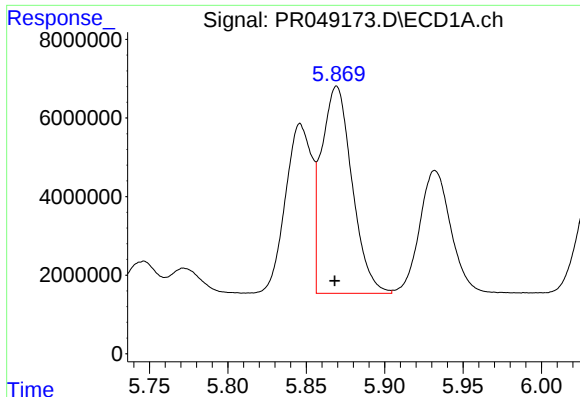
#12 AR-1232-2

R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 33977524
Conc: 1117.70 ng/ml



#12 AR-1232-2

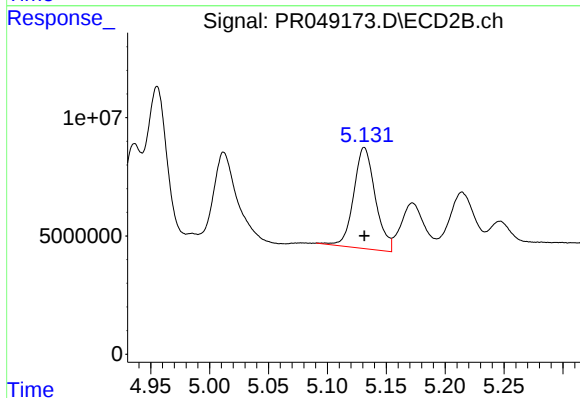
R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 83949024
Conc: 1224.22 ng/ml



#13 AR-1232-3

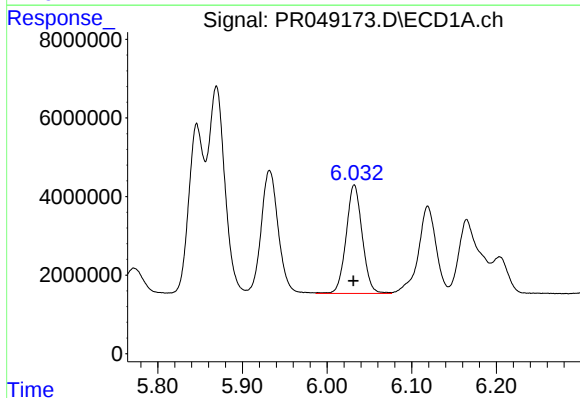
R.T.: 5.869 min
Delta R.T.: 0.001 min
Response: 71403888
Conc: 1177.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



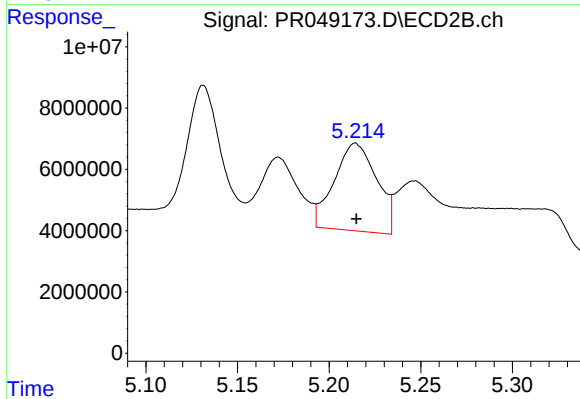
#13 AR-1232-3

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 54621266
Conc: 1388.11 ng/ml



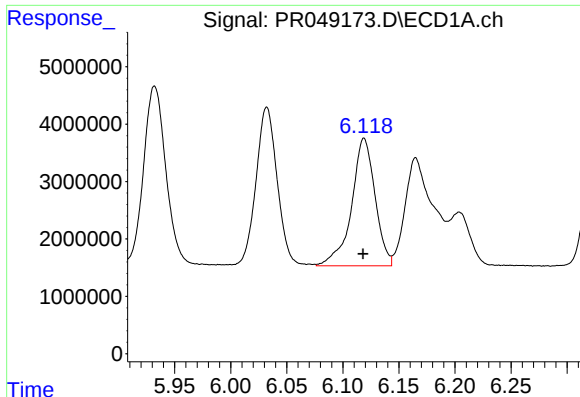
#14 AR-1232-4

R.T.: 6.032 min
Delta R.T.: 0.001 min
Response: 36557859
Conc: 1194.69 ng/ml



#14 AR-1232-4

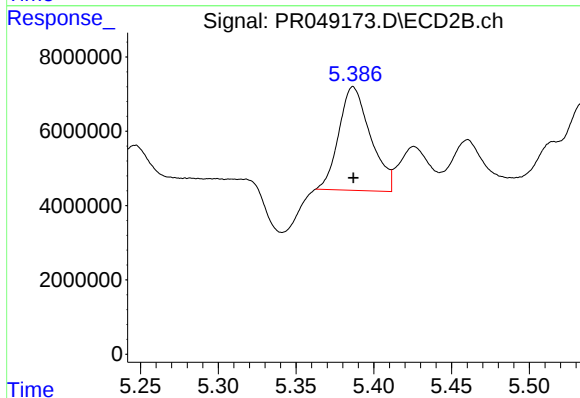
R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 46258817
Conc: 2231.13 ng/ml



#15 AR-1232-5

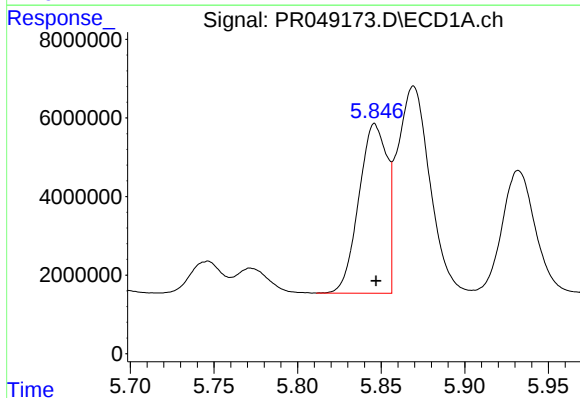
R.T.: 6.119 min
Delta R.T.: 0.000 min
Response: 32436992
Conc: 1359.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



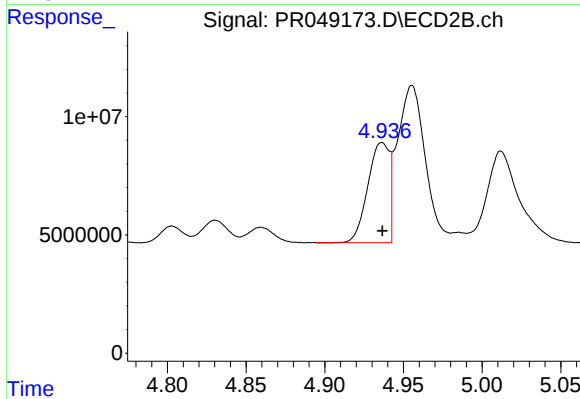
#15 AR-1232-5

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 39468228
Conc: 1602.47 ng/ml



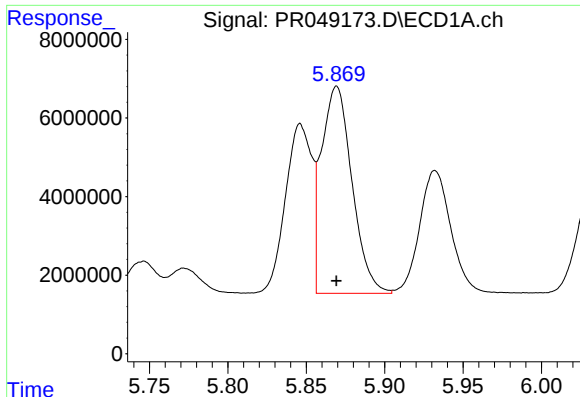
#16 AR-1242-1

R.T.: 5.846 min
Delta R.T.: 0.000 min
Response: 50768366
Conc: 708.33 ng/ml



#16 AR-1242-1

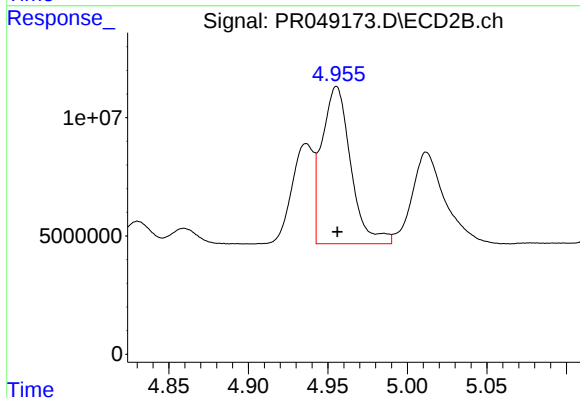
R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 40207833
Conc: 693.81 ng/ml



#17 AR-1242-2

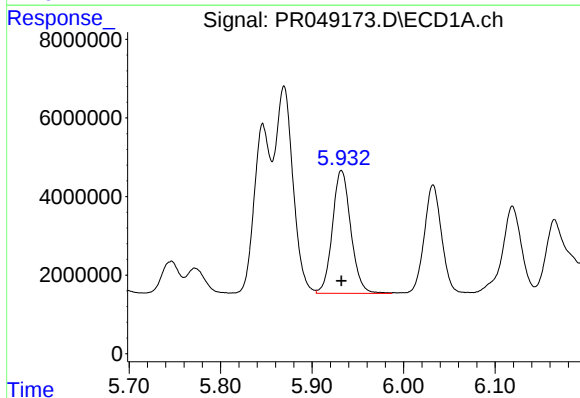
R.T.: 5.869 min
Delta R.T.: 0.000 min
Response: 71403888
Conc: 691.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



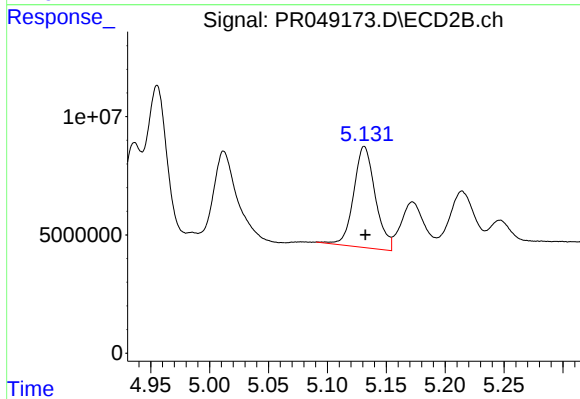
#17 AR-1242-2

R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 83949024
Conc: 727.93 ng/ml



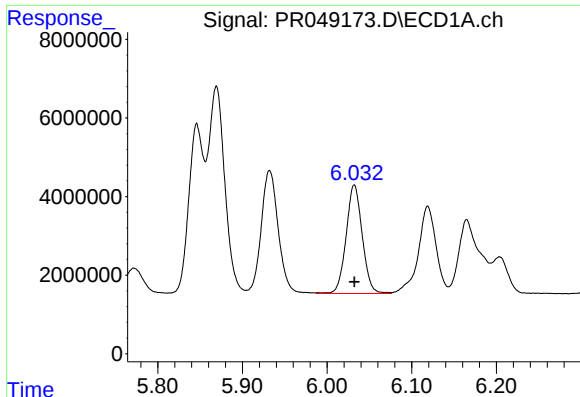
#18 AR-1242-3

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 43645307
Conc: 693.07 ng/ml



#18 AR-1242-3

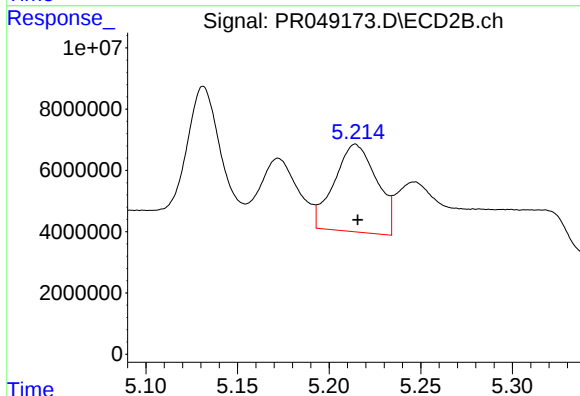
R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 54621266
Conc: 796.09 ng/ml



#19 AR-1242-4

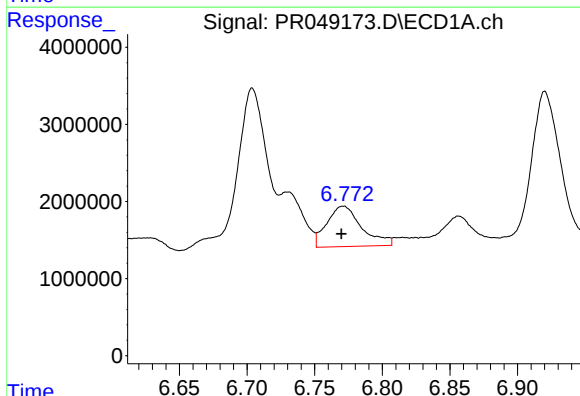
R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 36557859
Conc: 704.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



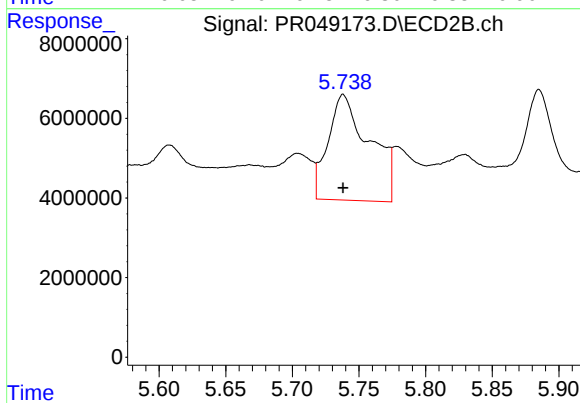
#19 AR-1242-4

R.T.: 5.214 min
Delta R.T.: -0.001 min
Response: 46258817
Conc: 1127.70 ng/ml



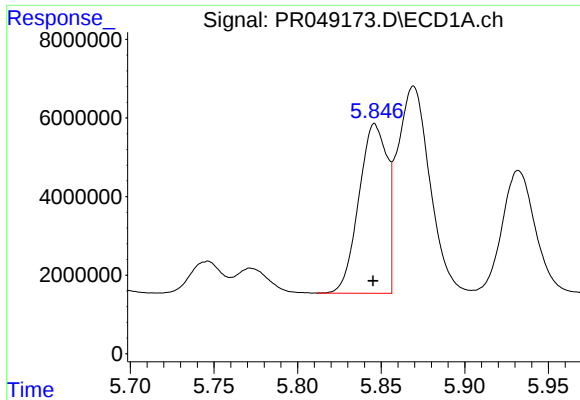
#20 AR-1242-5

R.T.: 6.771 min
Delta R.T.: 0.001 min
Response: 9422850
Conc: 161.20 ng/ml



#20 AR-1242-5

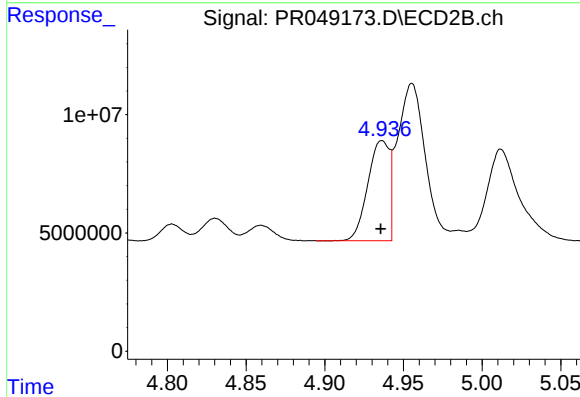
R.T.: 5.738 min
Delta R.T.: 0.000 min
Response: 57459451
Conc: 870.04 ng/ml



#21 AR-1248-1

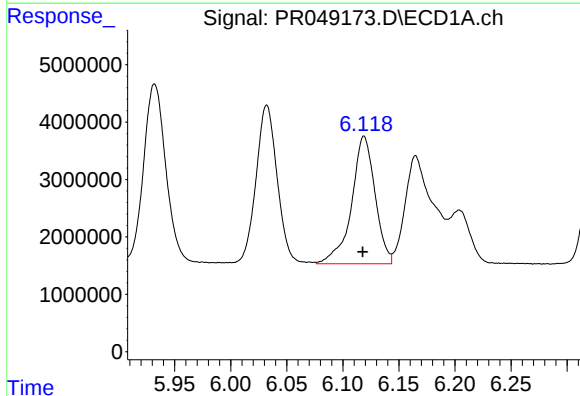
R.T.: 5.846 min
Delta R.T.: 0.000 min
Response: 50768366
Conc: 886.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



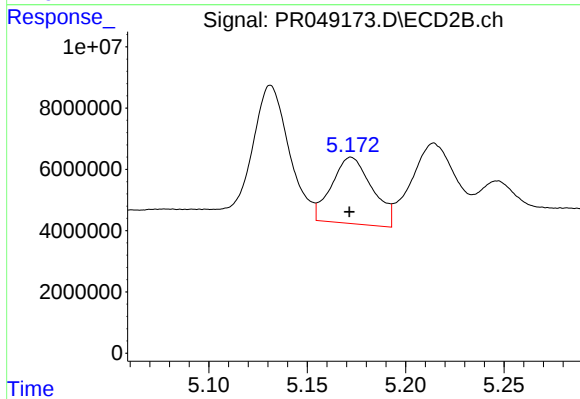
#21 AR-1248-1

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 40207833
Conc: 869.92 ng/ml



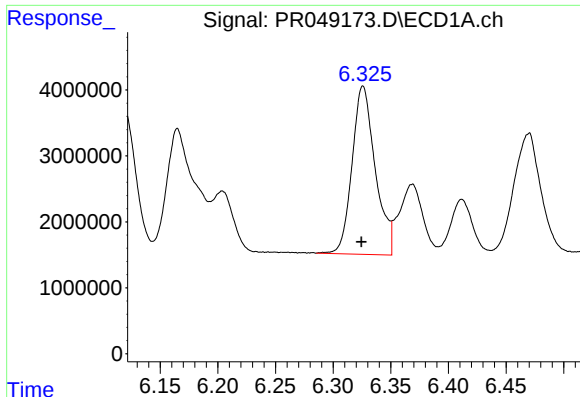
#22 AR-1248-2

R.T.: 6.119 min
Delta R.T.: 0.001 min
Response: 32436992
Conc: 411.55 ng/ml



#22 AR-1248-2

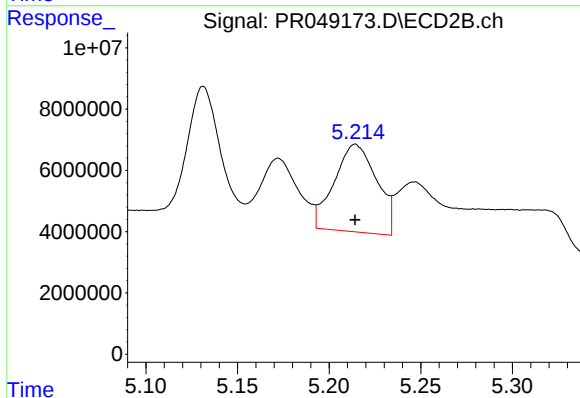
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 31103543
Conc: 603.06 ng/ml



#23 AR-1248-3

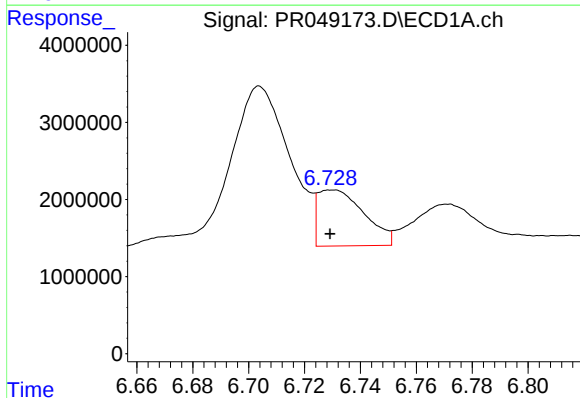
R.T.: 6.326 min
Delta R.T.: 0.001 min
Response: 35734500
Conc: 417.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



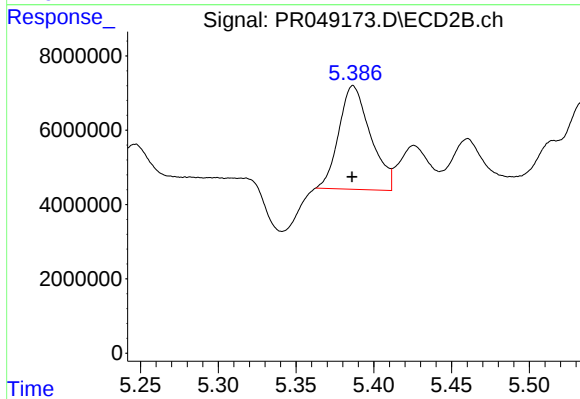
#23 AR-1248-3

R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 46258817
Conc: 750.53 ng/ml



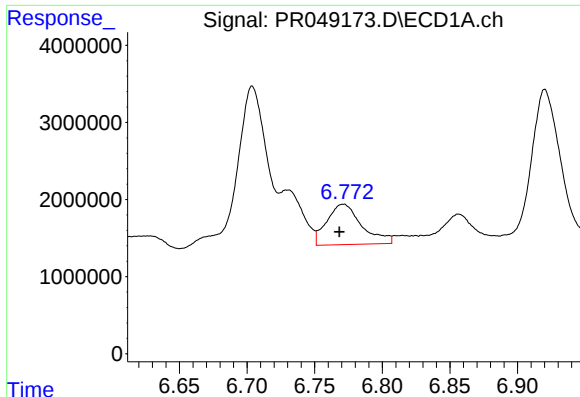
#24 AR-1248-4

R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 8393134
Conc: 81.42 ng/ml



#24 AR-1248-4

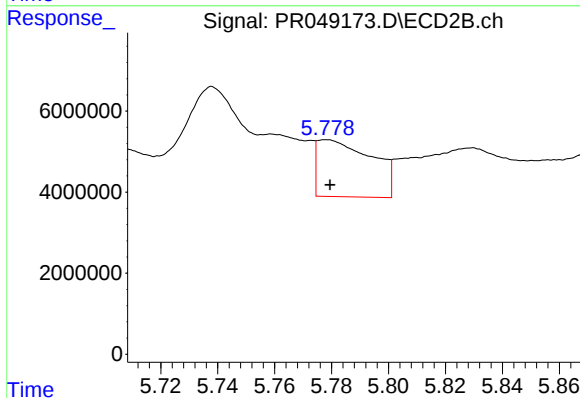
R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 39468228
Conc: 493.17 ng/ml



#25 AR-1248-5

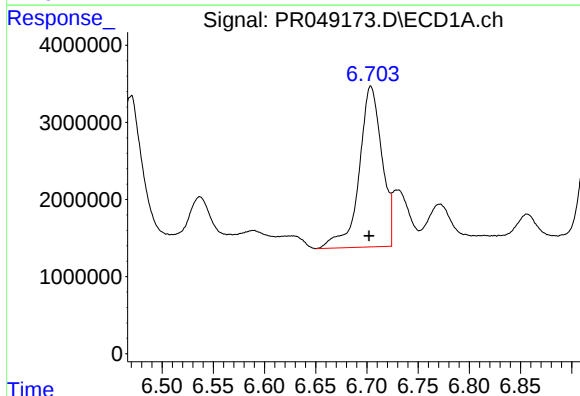
R.T.: 6.771 min
Delta R.T.: 0.003 min
Response: 9422850
Conc: 96.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



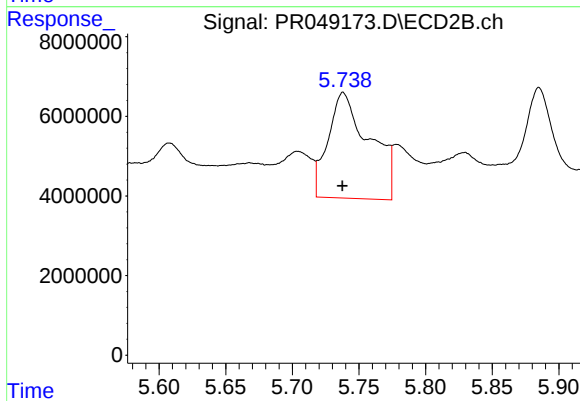
#25 AR-1248-5

R.T.: 5.778 min
Delta R.T.: -0.001 min
Response: 18692465
Conc: 163.23 ng/ml



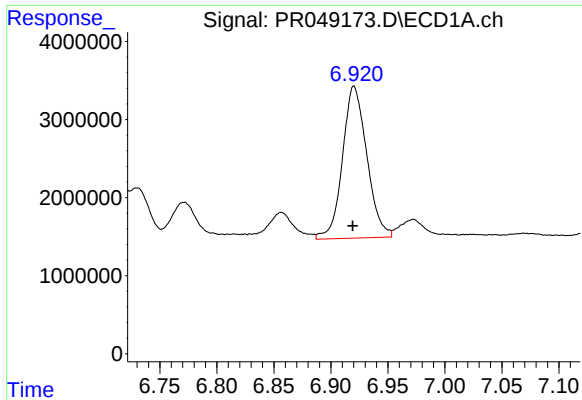
#26 AR-1254-1

R.T.: 6.704 min
Delta R.T.: 0.002 min
Response: 32232695
Conc: 300.99 ng/ml



#26 AR-1254-1

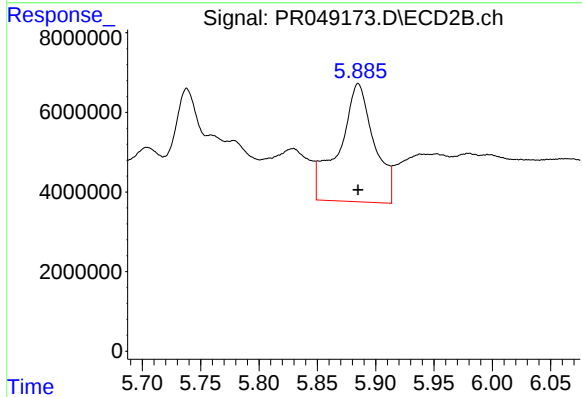
R.T.: 5.738 min
Delta R.T.: 0.000 min
Response: 57459451
Conc: 434.16 ng/ml



#27 AR-1254-2

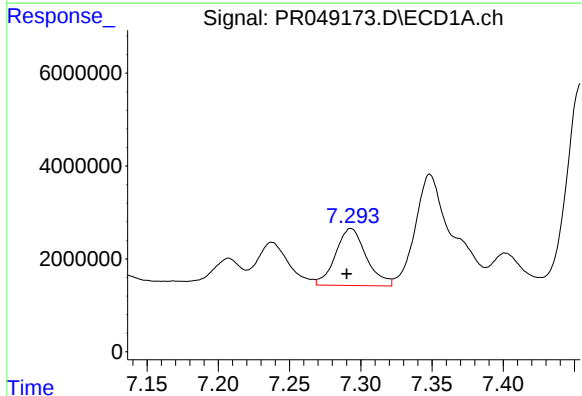
R.T.: 6.920 min
Delta R.T.: 0.001 min
Response: 28961340
Conc: 177.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



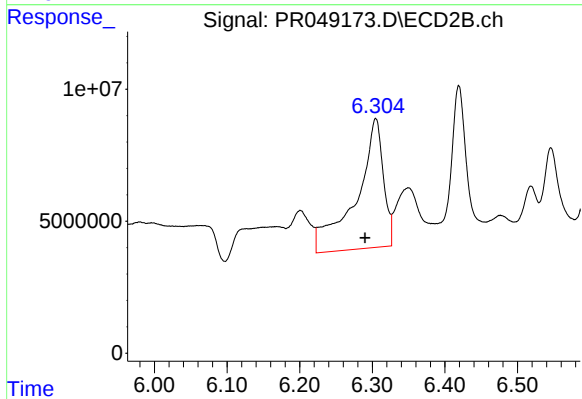
#27 AR-1254-2

R.T.: 5.885 min
Delta R.T.: 0.000 min
Response: 61876131
Conc: 469.11 ng/ml



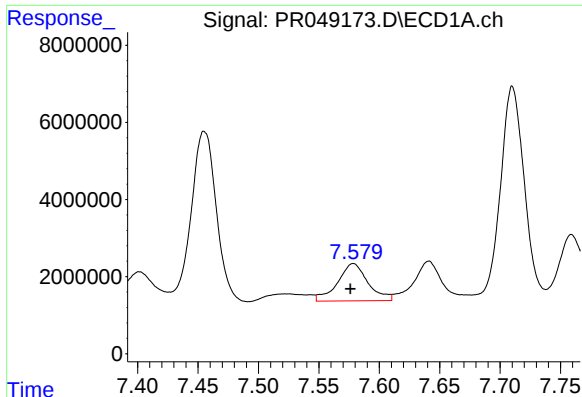
#28 AR-1254-3

R.T.: 7.293 min
Delta R.T.: 0.003 min
Response: 18482401
Conc: 111.19 ng/ml



#28 AR-1254-3

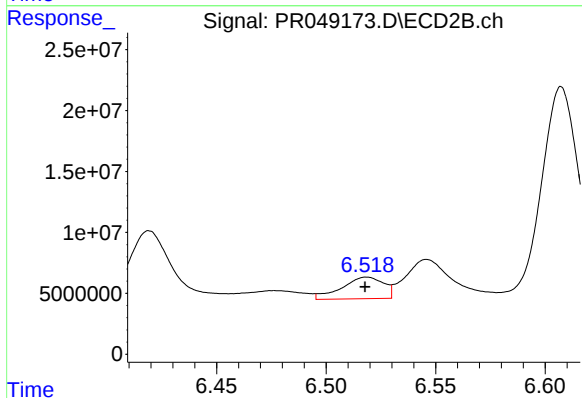
R.T.: 6.305 min
Delta R.T.: 0.015 min
Response: 126918867
Conc: 484.12 ng/ml



#29 AR-1254-4

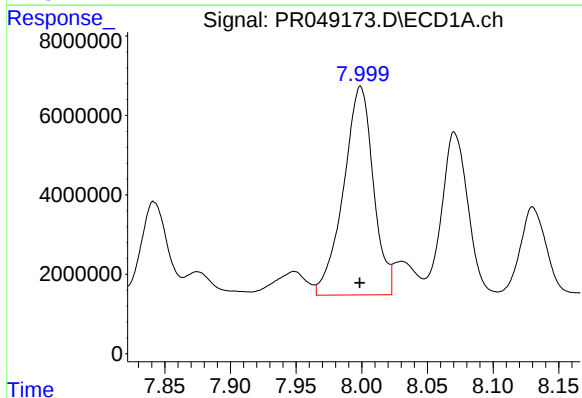
R.T.: 7.579 min
Delta R.T.: 0.002 min
Response: 16869900
Conc: 129.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



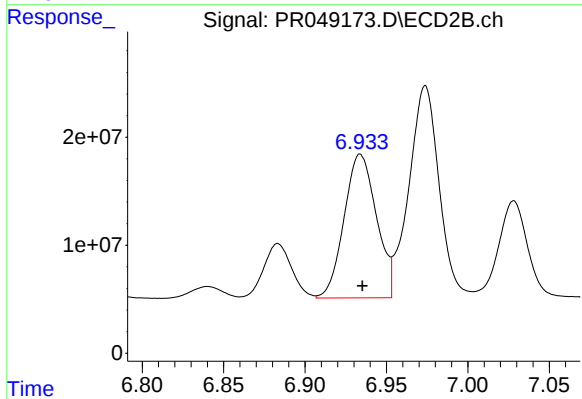
#29 AR-1254-4

R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 23644865
Conc: 66.45 ng/ml



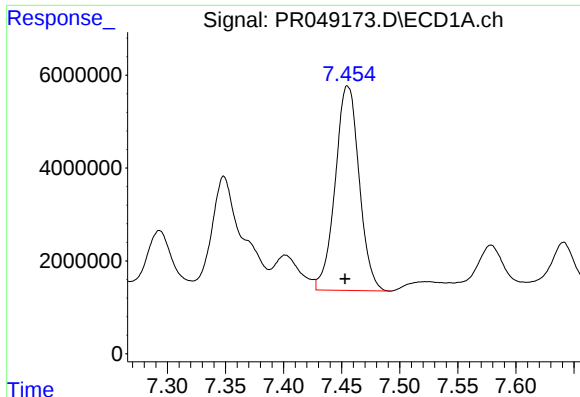
#30 AR-1254-5

R.T.: 7.999 min
Delta R.T.: 0.000 min
Response: 83148368
Conc: 633.22 ng/ml



#30 AR-1254-5

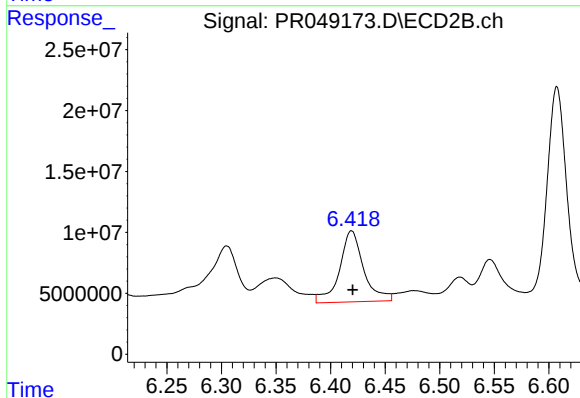
R.T.: 6.934 min
Delta R.T.: -0.001 min
Response: 183701273
Conc: 426.22 ng/ml



#31 AR-1260-1

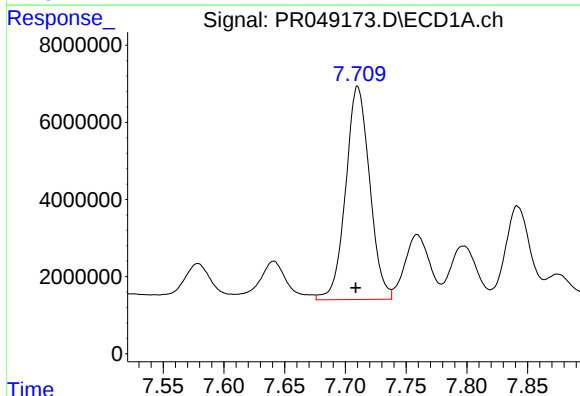
R.T.: 7.455 min
Delta R.T.: 0.002 min
Response: 63233800
Conc: 546.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



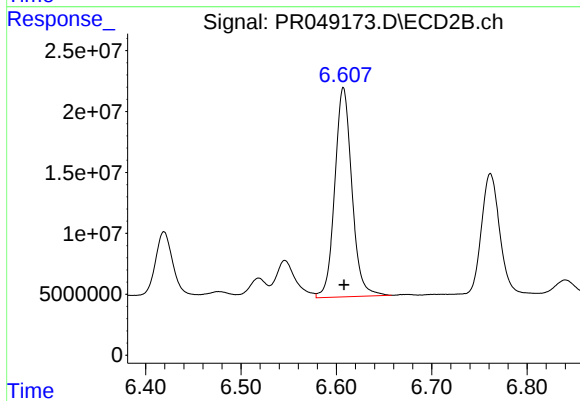
#31 AR-1260-1

R.T.: 6.419 min
Delta R.T.: -0.001 min
Response: 89671026
Conc: 654.80 ng/ml



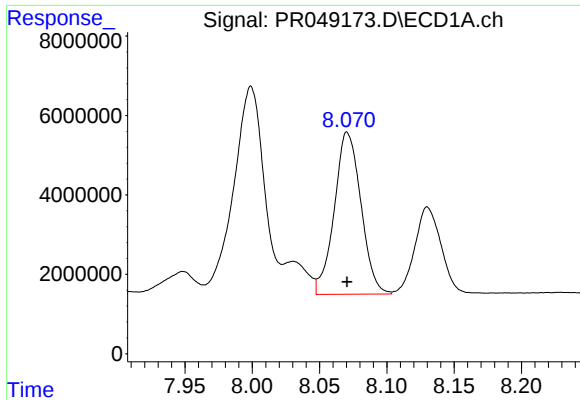
#32 AR-1260-2

R.T.: 7.710 min
Delta R.T.: 0.002 min
Response: 76028639
Conc: 521.14 ng/ml



#32 AR-1260-2

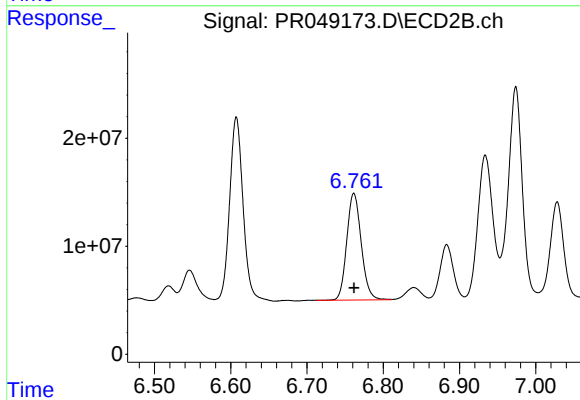
R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 214013067
Conc: 474.72 ng/ml



#33 AR-1260-3

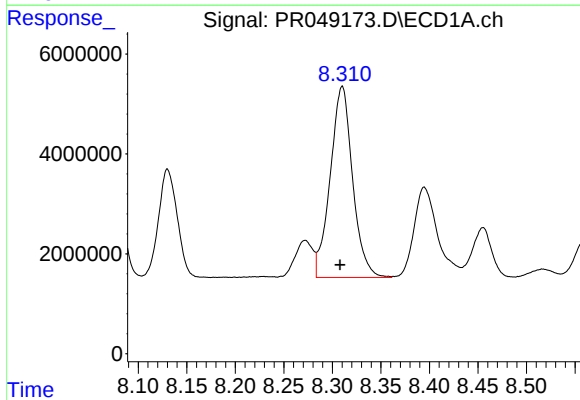
R.T.: 8.070 min
Delta R.T.: 0.000 min
Response: 56268141
Conc: 520.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



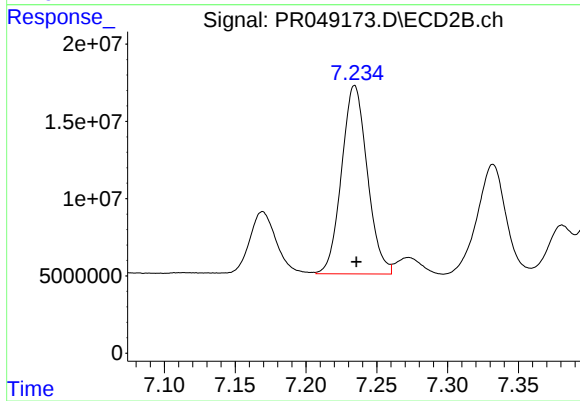
#33 AR-1260-3

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 130091700
Conc: 445.17 ng/ml



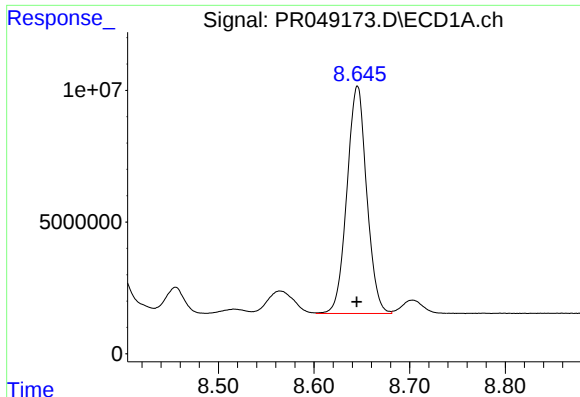
#34 AR-1260-4

R.T.: 8.310 min
Delta R.T.: 0.002 min
Response: 61390641
Conc: 512.55 ng/ml



#34 AR-1260-4

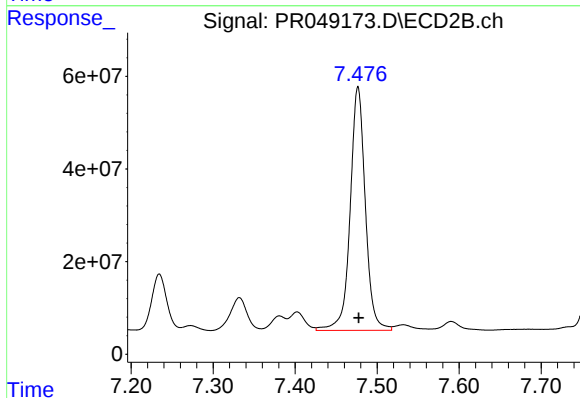
R.T.: 7.234 min
Delta R.T.: -0.001 min
Response: 154163217
Conc: 477.28 ng/ml



#35 AR-1260-5

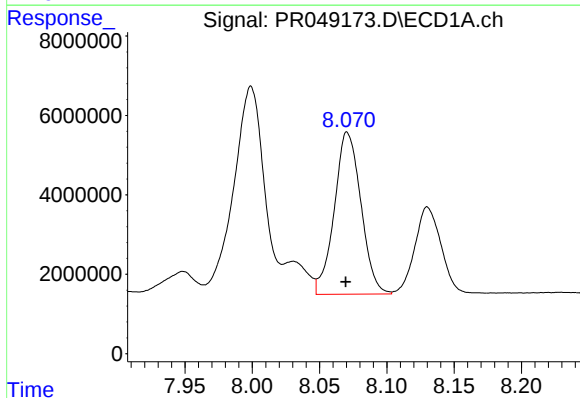
R.T.: 8.646 min
Delta R.T.: 0.001 min
Response: 124553066
Conc: 509.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



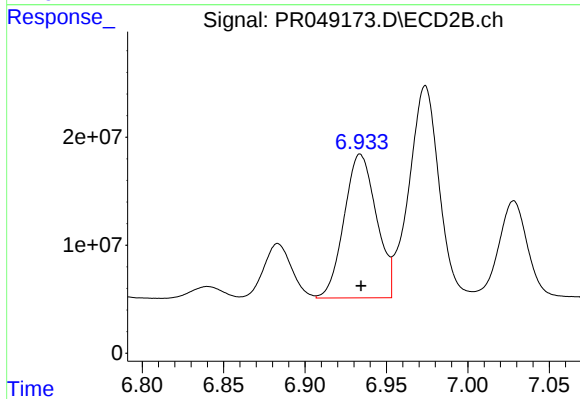
#35 AR-1260-5

R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 676085974
Conc: 506.29 ng/ml



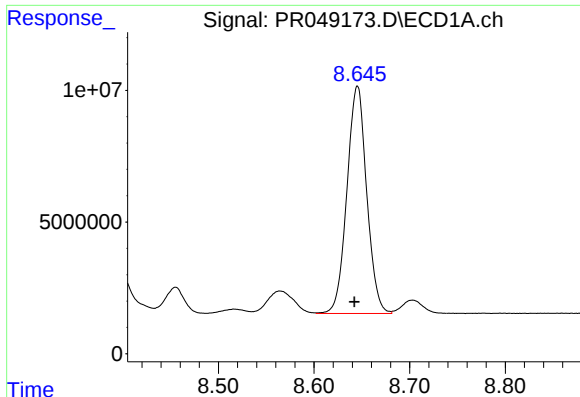
#36 AR-1262-1

R.T.: 8.070 min
Delta R.T.: 0.001 min
Response: 56268141
Conc: 364.48 ng/ml



#36 AR-1262-1

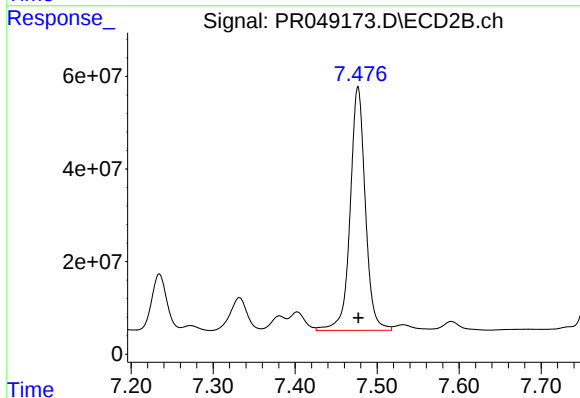
R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 183701273
Conc: 800.93 ng/ml



#37 AR-1262-2

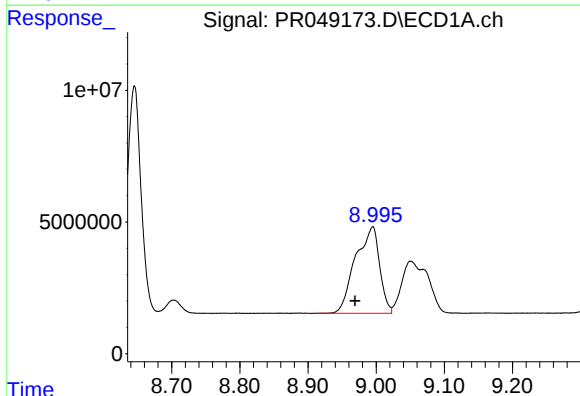
R.T.: 8.646 min
Delta R.T.: 0.003 min
Response: 124553066
Conc: 460.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



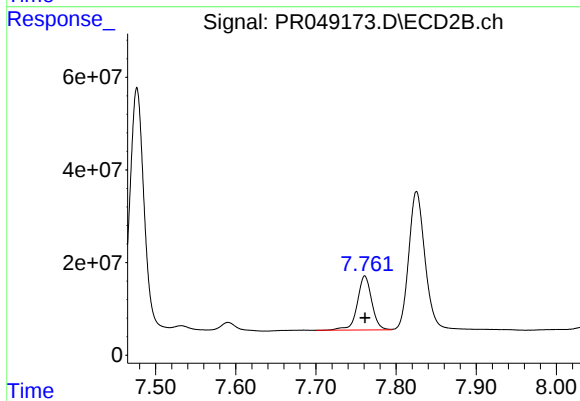
#37 AR-1262-2

R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 676085974
Conc: 460.13 ng/ml



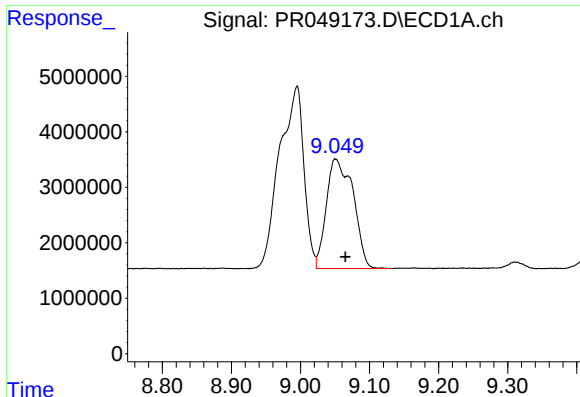
#38 AR-1262-3

R.T.: 8.995 min
Delta R.T.: 0.026 min
Response: 80731374
Conc: 431.08 ng/ml



#38 AR-1262-3

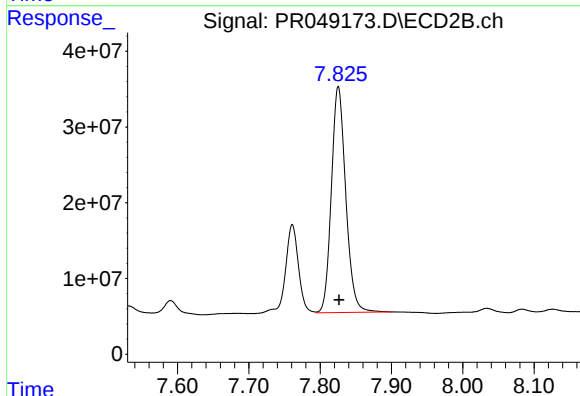
R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 146571526
Conc: 257.15 ng/ml



#39 AR-1262-4

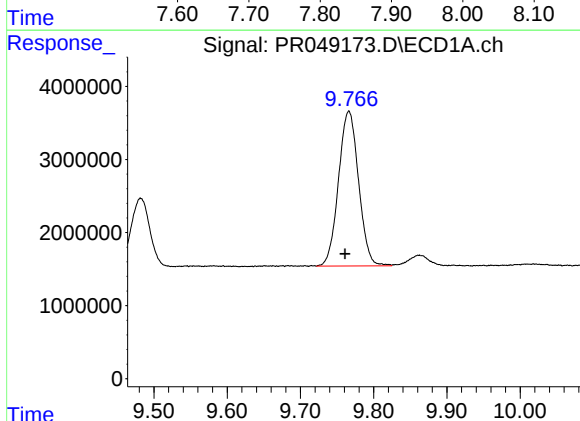
R.T.: 9.051 min
Delta R.T.: -0.015 min
Response: 53344604
Conc: 363.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



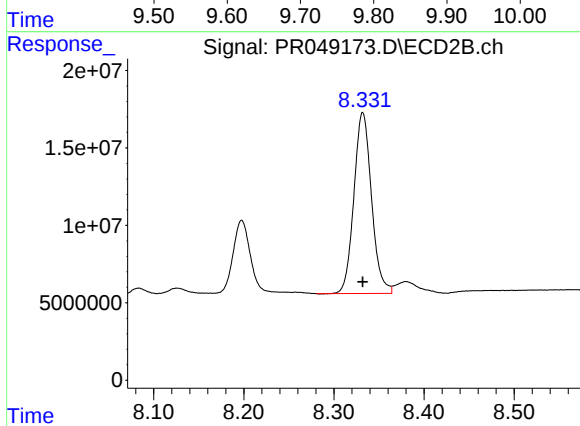
#39 AR-1262-4

R.T.: 7.826 min
Delta R.T.: 0.000 min
Response: 417893685
Conc: 445.42 ng/ml



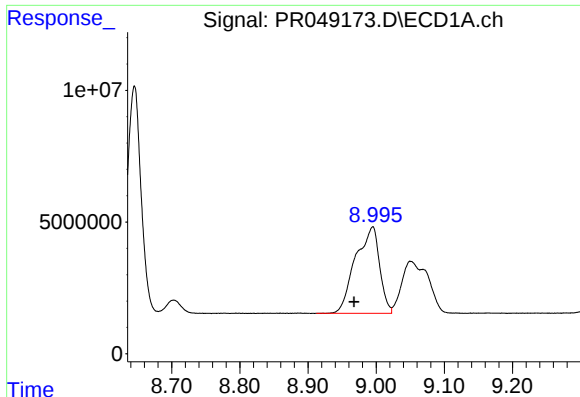
#40 AR-1262-5

R.T.: 9.766 min
Delta R.T.: 0.005 min
Response: 40348589
Conc: 383.90 ng/ml



#40 AR-1262-5

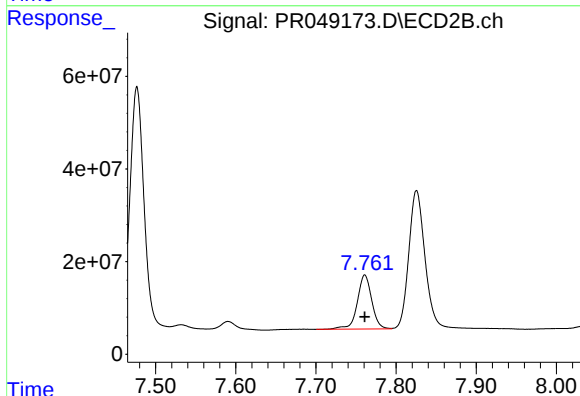
R.T.: 8.332 min
Delta R.T.: 0.000 min
Response: 158757334
Conc: 372.37 ng/ml



#41 AR-1268-1

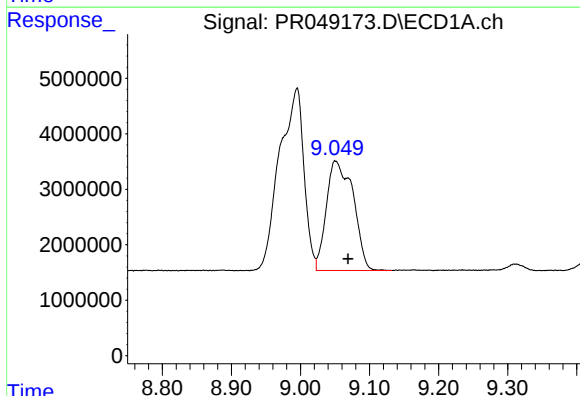
R.T.: 8.995 min
Delta R.T.: 0.027 min
Response: 80731374
Conc: 254.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



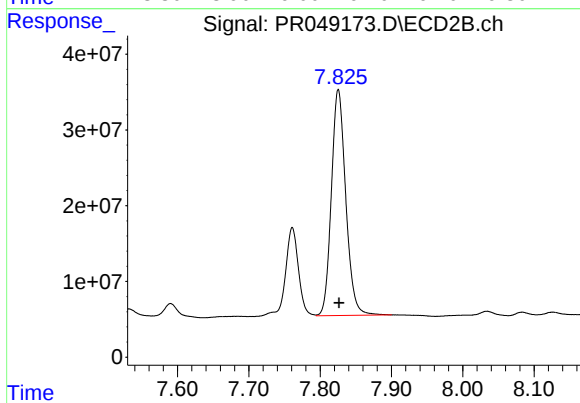
#41 AR-1268-1

R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 146571526
Conc: 87.12 ng/ml



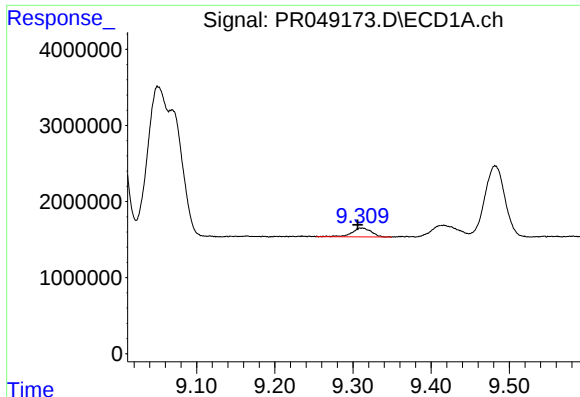
#42 AR-1268-2

R.T.: 9.051 min
Delta R.T.: -0.018 min
Response: 53344604
Conc: 178.60 ng/ml



#42 AR-1268-2

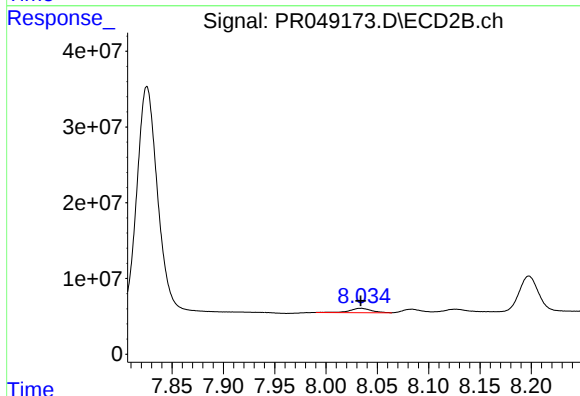
R.T.: 7.826 min
Delta R.T.: -0.001 min
Response: 417893685
Conc: 297.66 ng/ml



#43 AR-1268-3

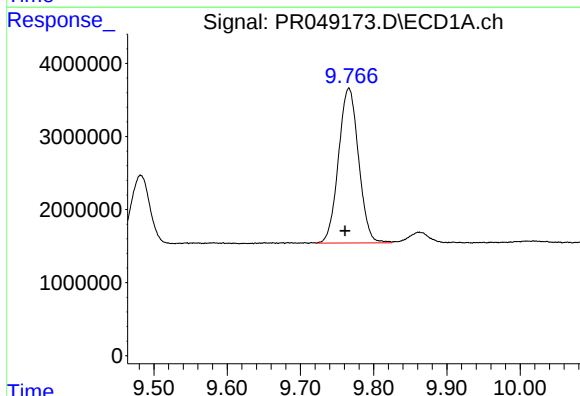
R.T.: 9.310 min
Delta R.T.: 0.004 min
Response: 2020987
Conc: 7.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



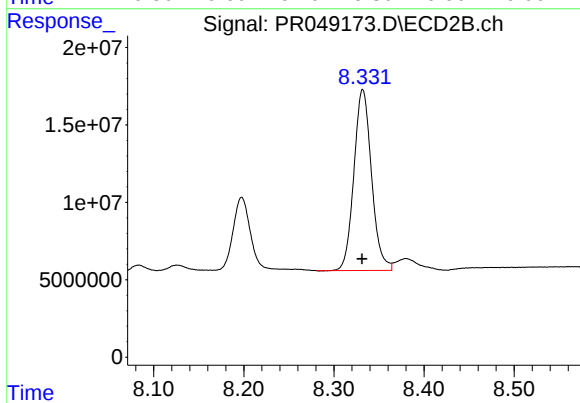
#43 AR-1268-3

R.T.: 8.034 min
Delta R.T.: 0.000 min
Response: 8286392
Conc: 6.65 ng/ml



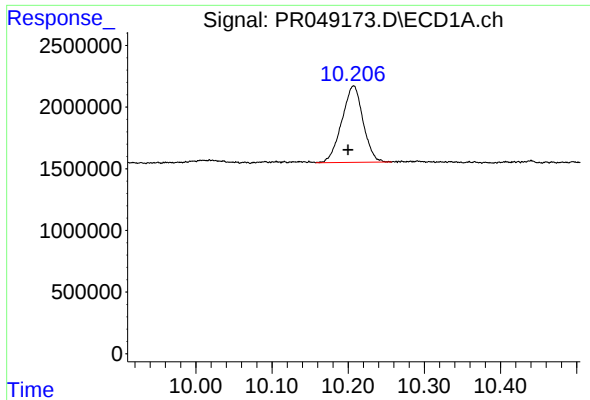
#44 AR-1268-4

R.T.: 9.766 min
Delta R.T.: 0.006 min
Response: 40348589
Conc: 352.28 ng/ml



#44 AR-1268-4

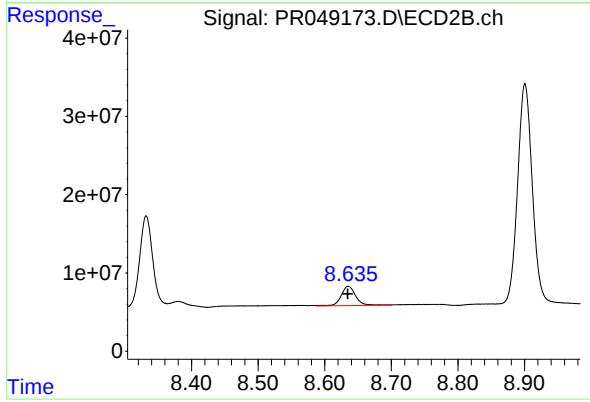
R.T.: 8.332 min
Delta R.T.: 0.000 min
Response: 158757334
Conc: 333.95 ng/ml



#45 AR-1268-5

R.T.: 10.207 min
Delta R.T.: 0.008 min
Response: 12016176
Conc: 13.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.635 min
Delta R.T.: 0.000 min
Response: 36853741
Conc: 10.21 ng/ml